

**NOVEL NUCLEAR RECEPTOR COREPRESSOR MOLECULES AND
USES THEREFOR**

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Abstract of the Disclosure

The invention provides isolated nucleic acids molecules, designated SMRTe
nucleic acid molecules, which encode proteins involved in nuclear receptor mediated
10 activities. The invention also provides antisense nucleic acid molecules, recombinant
expression vectors containing SMRTe nucleic acid molecules, host cells into which the
expression vectors have been introduced, methods for identifying compounds that
modulate SMRTe activity, and nonhuman transgenic animals in which a SMRTe gene
has been introduced or disrupted. The invention still further provides isolated SMRTe
15 proteins, fusion proteins, antigenic peptides, and anti-SMRTe antibodies. Diagnostic
methods utilizing compositions of the invention are also provided.

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